

SWARCO McCain ARKANSAS

FEATURED DEPLOYMENT

CITY OF NORTH LITTLE ROCK

SWARCO McCain installed ATC cabinets and ATC eX2 NEMA controllers at a dozen intersections along McCain Boulevard, the busiest corridor in North Little Rock, AR

OVERVIEW

The City of North Little Rock overcame traffic challenges and improved efficiency by transitioning to McCain ATC Cabinets. The transition led to enhanced travel times, data collection, and communication for future traffic management.

LOCATION

North Little Rock is a city in Pulaski County, Arkansas, located on the north shore of the Arkansas River. The population is approximately 64,500, making it the seventh-most populous city in Arkansas. There is approximately 54.6 square miles of diverse neighborhoods, lakes, parks and walking trails. In addition to downtown, the area surrounding the McCain Boulevard exit off the interstate provides a shopping mecca for visitors and residents.

THE CHALLENGE

The City of North Little Rock faced many challenges with their existing traffic system. One aspect they aimed to improve was minimizing the need for frequent call-outs to cabinets caused by faulty wiring, a process that demanded significant time for diagnosis and resolution. They also felt their current traffic system was not adequately moving traffic through the busiest and most traveled corridor in the city. Frustrated by ongoing issues and the desire to invest in a central intersection management system, they sought out to find a new solution.

SOLUTION

In the fall of 2022, the City partnered with SWARCO McCain and Pinkley Sales and decided to replace the NEMA cabinets with McCain ATC Cabinets, marking some of the first ATC Cabinets installed in Arkansas. The installation also included McCain ATC eX2 NEMA Controllers along with Omni eX[®] Intersection Control Software and MyCity TMS¹ software. The solution provided the city with the feature set necessary to optimize and coordinate McCain Boulevard.

THE RESULTS

The city can now create better timing plans and gather more accurate data, including previously unaccounted times. After implementing SWARCO McCain products, travel times on McCain Boulevard improved by 18% eastbound and 15% westbound, with the city viewing SWARCO McCain as the future of traffic signal technology.

TESTIMONIAL

"After replacing outdated equipment with ATC cabinets, we've seen significant improvements in traffic flow and reliability. The ability to make controller changes from the office is a huge benefit, resulting in improved traffic flow along our major corridors. Pinkley Sales has provided excellent service, and I look forward to continuing our collaboration on upcoming projects."

Jacob Mahan

Chief Signal Technician, City of North Little Rock, AR

¹Formerly known as Transparency[®] TMS

